

Please cancel Claims 9-25.

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application.

**Listings of Claims:**

Please Amend the remaining claims as indicated below:

1. (Amended) A method for fitting golf equipment, comprising:  
determining swing information related to a golfer's current swing;  
receiving swing data over a wireless communication link; and  
combining the determined swing information with the swing data received  
over the wireless communication link; and  
using the received swing data and the determined swing information to  
derive swing parameters for use in fitting a golfer with golf equipment;
2. The method of claim 1, further comprising deriving a load time for the golfer's swing based on the received swing data.
3. The method of claim 1, further comprising deriving a load pattern for the golfer's swing based on the received swing data.
4. The method of claim 1, further comprising deriving ramp potential for the golfer's swing based on the received swing data.
5. The method of claim 1, further comprising deriving a load time, a load pattern, and a ramp potential based on the received swing data and deriving a shaft flex based on the derived load time, load pattern, and ramp potential.

6. The method of claim 1, further comprising displaying information related to the received swing data.

7. The method of claim 6, wherein the information is displayed in a graphical format.

8. (Amended) The method of claim 1, further comprising deriving a ~~park-peak~~ deflection associated with the golfer's swing based on the received swing data.

9-25. (Canceled).

26. (Amended) A golf equipment fitting system, comprising:

a launch data collection system, comprising a high speed color camera system configured to obtain information related to the launch of a golf ball;

a swing data collection system, comprising:

a strain gauge configured to sense shaft deflection, and

a wireless transmitter coupled to the strain gauge, the wireless transmitter configured to receive data from the strain gauge and to transmit the receive data to; and

a shaft fitting system, comprising;

a wireless receiver configured to receive the data transmitted by the wireless transmitter, and

a swing module configured to derive swing speed parameters for use in fitting a golfer with golf equipment using the data received from the wireless transmitter.

27. - 39. (Previously Presented).

40. (Amended) The golf equipment fitting system of claim ~~39~~ 38, wherein the swing data collection system further comprises ~~comprising~~ a plurality of wireless transmitters, each of the plurality of wireless transmitters coupled to one of the plurality of strain gauges, and wherein each of the plurality of wireless transmitters is configured to receive data from the associated strain gauge and transmit it to the shaft fitting system.

41. (New) The method of claim 1, wherein the swing information determined includes information related to what equipment the golfer uses.

42. (New) The method of claim 1, wherein the swing information determined includes information related to the golfer's strengths and weaknesses.

43. (New) The method of claim 1, wherein the swing information determined includes information related to the courses and conditions the golfer normally encounters.

44. (New) The method of claim 1, wherein the swing information determined includes information related to the level of competition the golfer normally encounters.

45. (New) The method of claim 1, wherein the swing information determined includes information related to the golfer's swing technique.

46. (New) The method of claim 45, wherein determining information related to the golfer's swing technique comprises video taping the golfer's swing.

47. (New) The method of claim 45, further comprising identifying swing flaws related to the golfer's swing technique and correcting the swing flaws prior to evaluating the golfer's current clubs or receiving the swing data.

48. (New) The method of claim 1, wherein combining the swing information and the swing data comprises generating a baseline matrix that can be used to determine if the golfer's swing technique needs modification.

49. (New) The method of claim 48, further comprising providing swing instruction when it is determined that the golfer's swing technique needs modification.

50. (New) The method of claim 48, further comprising receiving launch information related to the golfer's swing and combining the swing information and swing data with the launch information in order to select an optimal shaft for the golfer.

51. (New) The method of claim 48, further comprising receiving launch information related to the golfer's swing and combining the swing information and swing data with the launch information in order to select an optimal club head for the golfer.

52. (New) The method of claim 48, further comprising receiving launch information related to the golfer's swing and combining the swing

information and swing data with the launch information in order to select an optimal ball for the golfer.

53. (New) The golf equipment fitting system of claim 26, wherein the information obtained by the launch data collection system includes information related to the initial velocity of a golf ball as it is launched.

54. (New) The golf equipment fitting system of claim 26, wherein the information obtained by the launch data collection system includes information related to the spin rate of a golf ball as it is launched.

55. (New) The golf equipment fitting system of claim 26, wherein the information obtained by the launch data collection system includes information related to the launch angle of a golf ball as it is launched.

56. (New) The golf equipment fitting system of claim 54, wherein the spin rate information obtained by the launch data collection system includes information related to the backspin of the golf ball.

57. (New) The golf equipment fitting system of claim 54, wherein the spin rate information obtained by the launch data collection system includes information related to the sidespin of the golf ball.

58. (New) The golf equipment fitting system of claim 54, wherein the spin rate information obtained by the launch data collection system includes information related to the rifle spin of the golf ball.